NITFS
Compliance Registration

Product: **Image Light Table (ILT) Plus, version 2.0, build 210 , with National Technical Means Module U2.4 and the Government Mensuration Software Application RULER version 12.0.**
Paragon Imaging

Date: **25 June 2004**
Expiration: **24 June 2006**
Registration #: **2027**

Sponsor: **Paragon Imaging**

Developer:

- ☐ Initial Registration
- ☑ Supplement/Update # ___
- ☐ Derived from Reg. # ___

Complexity Level

NITF 2.1 CLEVEL

	3	5	6	7
Interpret				
Generate				

NITF 2.0 CLEVEL

	1	2	3	4	5	6	Oth
Interpret							
Generate							

Configurations Tested:
- Windows 2000, SP2
- Windows XP

☐ **System** N-0105/98, §4.1.1

☑ **Product** N-0105/98, §4.1.2

☐ **Component** N-0105/98, §4.1.3

** NITF 2.0 feature
* NITF 2.1 feature

NITFS Features Implemented:

Format
NITF
- ◐ ● v2.1
- ◐ ● v2.0
- ● v1.1
NSIF
- ◐ ● v1.0

Pixel Value Types
- ● ○ Boolean
- ● ◉ Integer
- ● ◉ Signed Integer *
- ○ ○ IEEE Real *
- ○ ○ IEEE Complex *

Annotation Segment Types
- ● ○ Bit Mapped **
- ● ● CGM, 2301
- ● ● CGM, 2301A
- ● ○ Labels **

Text Segments
- ● ● STA
- ● ● UT1
- ● ● U8S
- ◉ ◉ MTF

Image Segment Types
- ◉ ◉ MONO
- ● ● RGB
- ● ○ RGB/LUT
- ● ● YCbCr
- ◉ ◉ MULTI
- ○ ○ NODISPLY
- ○ ○ POLAR

Image Compression
- ◉ ◉ Not Compressed
- ● ● JPEG Lossy, 8-bit
- ● ● JPEG Lossy, 12-bit
- ● ● JPEG Downsample
- ● ○ JPEG Lossless
- ◉ ● JPEG 2000
- ● ○ Bi-Level
- ● ○ Vector Quantization
- ◉ ○ Multispectral JPEG, Individual Band

Data Extension Segments
- ● ● TRE_OVERFLOW
- ○ ○ STREAMING_FILE_HEADER
- ● ● Controlled Extensions **
- ● ● Registered Extensions **

Tagged Record Extensions
- ● ● - NSDE
- ◉ ◉ - PIAE
- ● ● - ASDE
- ● ● - CSDE
- ● ● - ICHIPB
- ● ● - IOMAPA
- ◉ ◉ - RPF Extensions
- - Digest GeoSDE

Legend

Interpret
Generate
- ● ● Fully implemented
- ◉ ◉ Partially implemented
- ○ ○ Not implemented

EDWARD E. BOYLES II, Division Chief
Joint Interoperability Test Command
Executive Agent to National Geospatial-
Intelligence Agency for the NITFS Test and
Evaluation Program

Registration does not guarantee that a product will meet all users' requirements. Potential users should evaluate the detailed test results to determine the suitability of a product for the intended use. Optional NITFS features may not be implemented.